

The diagram illustrates a hydraulic shift control system. On the left, the **12 TRANSMISSION CONTROLLER** contains a **PRESSURE CONTROL SECTION (12a)** and a **SHIFT CONTROL SECTION (12b)**. It receives various inputs: **OIL TEMPERATURE SENSOR (18)** (TMP), **INFORMATION CONCERNING INPUT TORQUE (ENGINE SPEED, FUEL INJECTION TIME) (19)**, **PRIMARY PULLEY ROTATION SENSOR (13)** (Npri), **SECONDARY PULLEY ROTATION SENSOR (14)** (Nsec), **ACCELERATOR OPENING DEGREE SENSOR (16)** (APO), and **INHIBITOR SWITCH (17)** (SELECTED RANGE SIGNAL). The controller outputs a **TARGET SHIFT SPEED** to the shift control section. The **11 HYDRAULIC SHIFT CONTROL CIRCUIT** on the right includes a **STEP MOTOR (27)**, **PRESSURE REDUCING VALVE (24a)**, **PRESSURE REGULATOR VALVE (23a)**, **PRIMARY PULLEY CHAMBER (2b)**, and **SECONDARY PULLEY CHAMBER (3b)**. The circuit is controlled by signals (Psec), (Ppri), and (Psec) from the controller and the step motor.

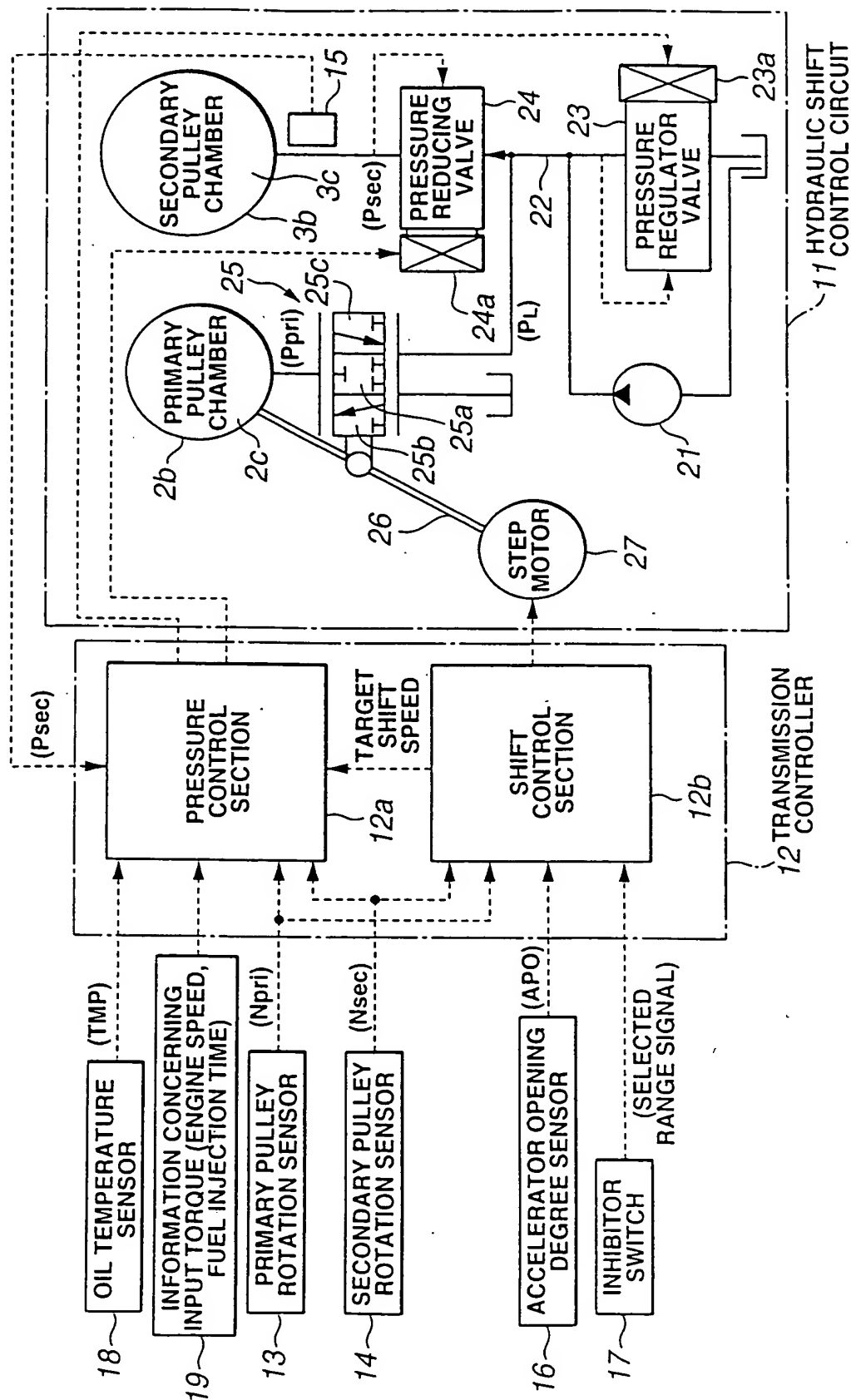


FIG.3

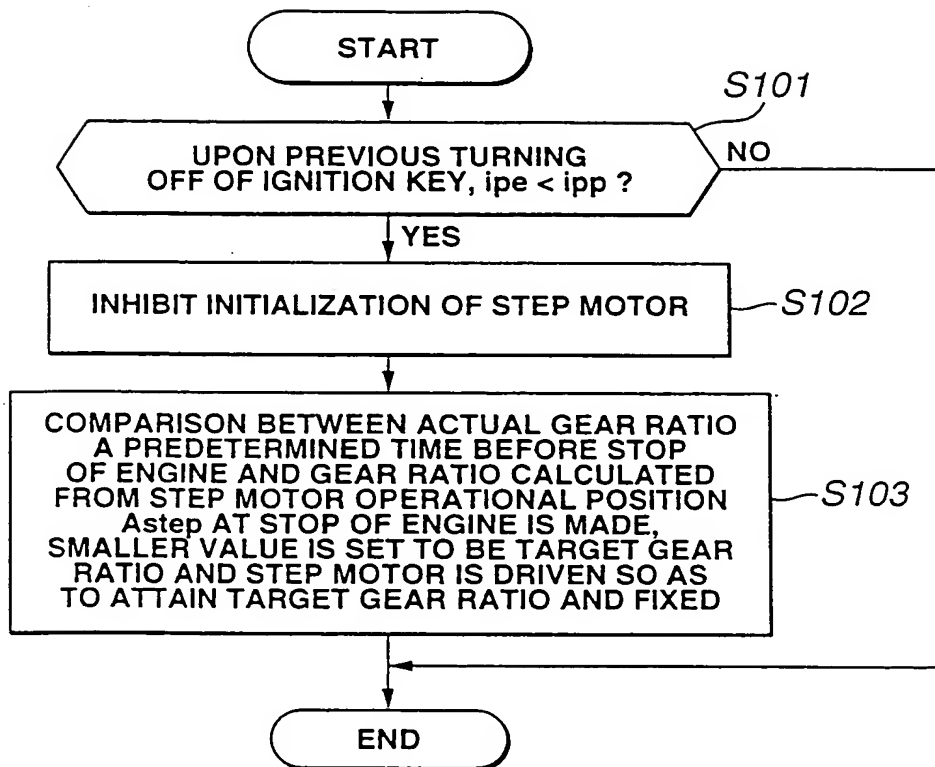


FIG.4

